

TOSHIBA

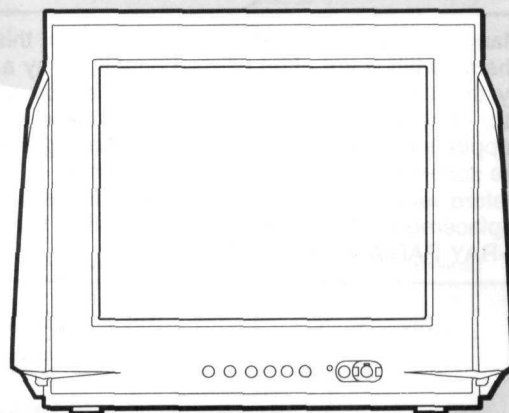
FILE NO. 040-96

SERVICE MANUAL

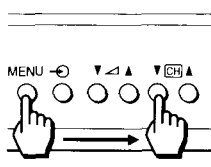
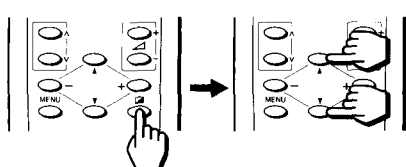
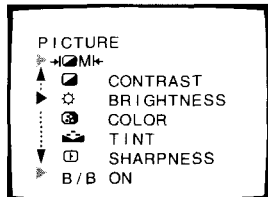
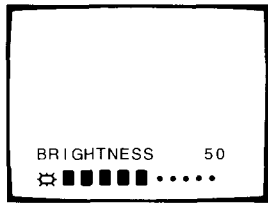
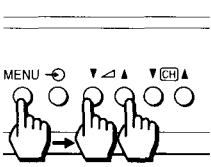
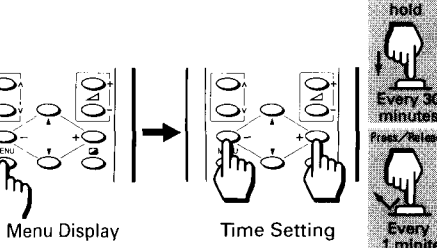
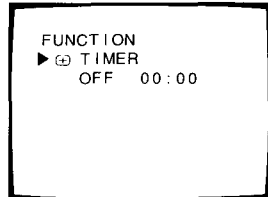
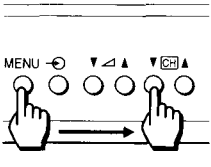
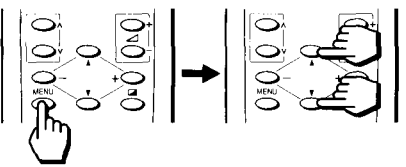
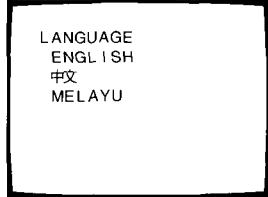
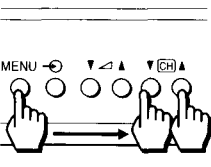
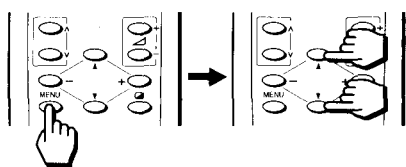
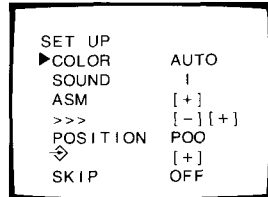
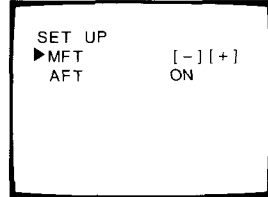
COLOUR TELEVISION

S6E Chassis

1460XSH, 1465XR



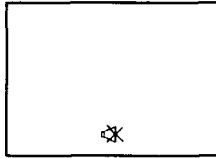
MENU FUNCTION

TV set	Remote Controller	Display	Display No.
 Menu Display & Item select ADJUST	 Menu Display Item Select SELECT ADJUST ON/OFF	 D1	
		ex.  D2	
 Menu Display & Time Setting	 Menu Display Time Setting hold Every 30 minutes Press/Release Every 1 minute	 D3	
 Menu Display & Language selection	 Menu Display Language Selection	 D4 This screen is not displayed by the 1460XS, 1460TM/TMJ and 1460XM/XMJ.	
 Menu Display & Item select SET UP Operations	 Menu Display Item Select SET UP Operations	 D5	
		 D6	

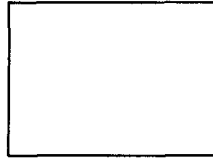
SERVICE MODE

1. ENTERING TO SERVICE MODE

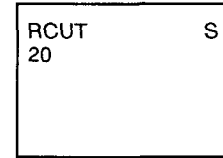
1) Press  button once on Remote Control.



2) Press  button again to keep pressing.



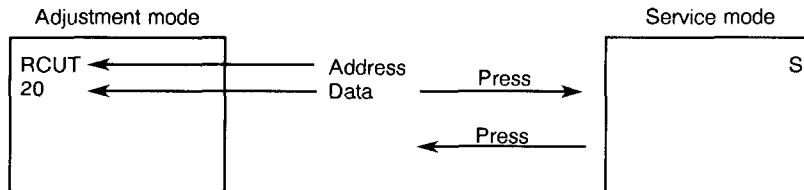
3) Keep pressing the  button, press MENU button on TV set.



(Service mode display)

2. DISPLAYING THE ADJUSTMENT MENU

Press MENU button on TV.



3. SELECTING THE ADJUSTING ITEMS

Every pressing of CHANNEL  button changes the adjustment items in the following order. ( button for reverse order.)

4. ADJUSTING THE DATA

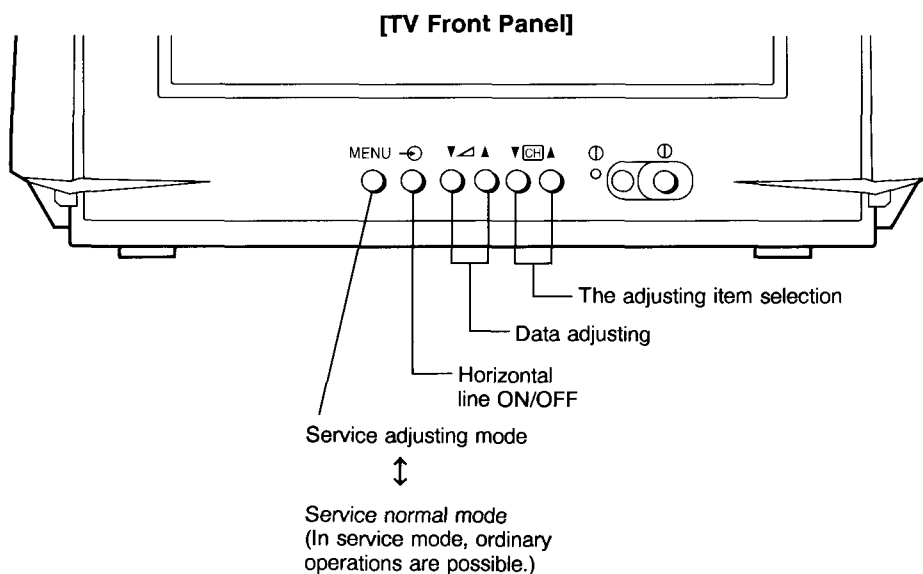
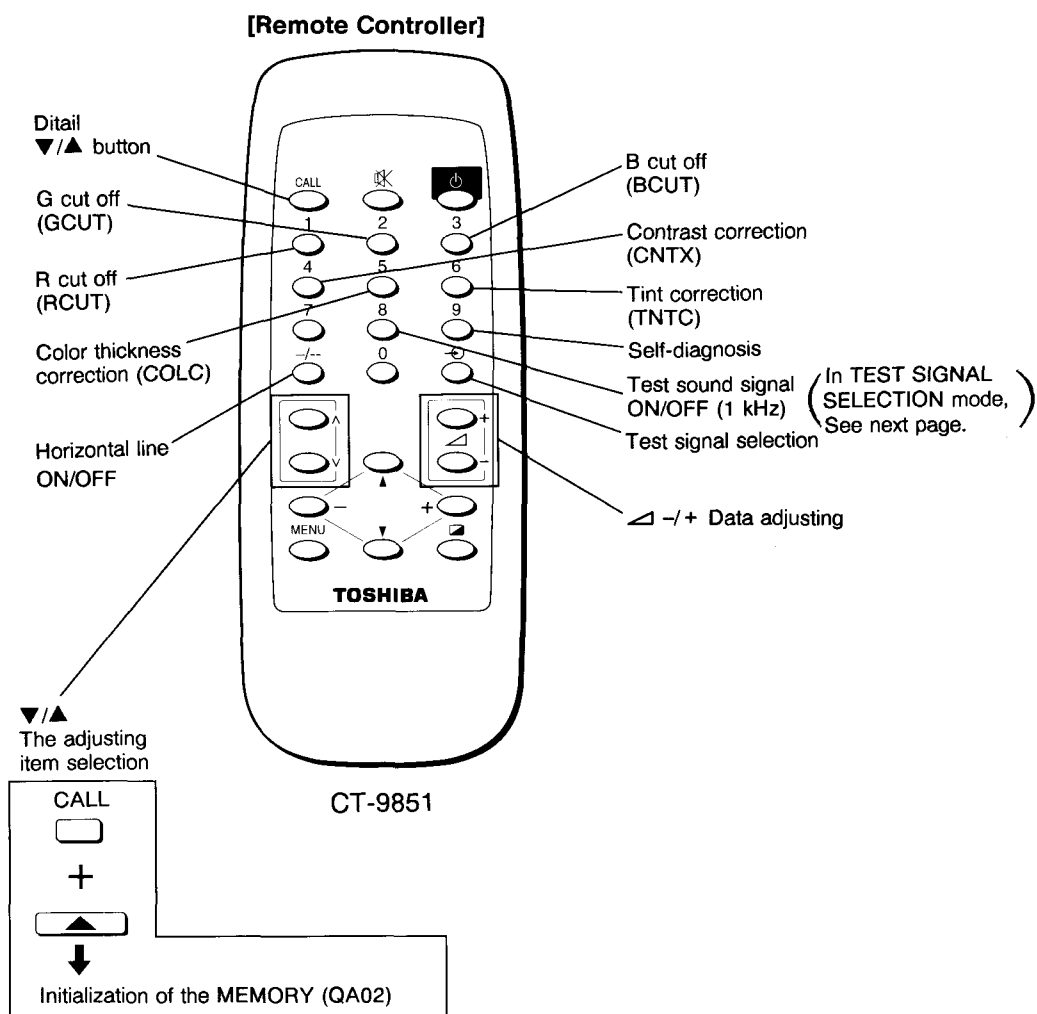
Pressing of VOLUME  or  button will change the value of data in the range from 00 to FF. The variable range depends on the adjusting item.

5. EXIT FROM SERVICE MODE

Press POWER button to turn off the TV once.

OTHER SERVICE FUNCTION

The following key entry during display of adjustment menu provides special functions.

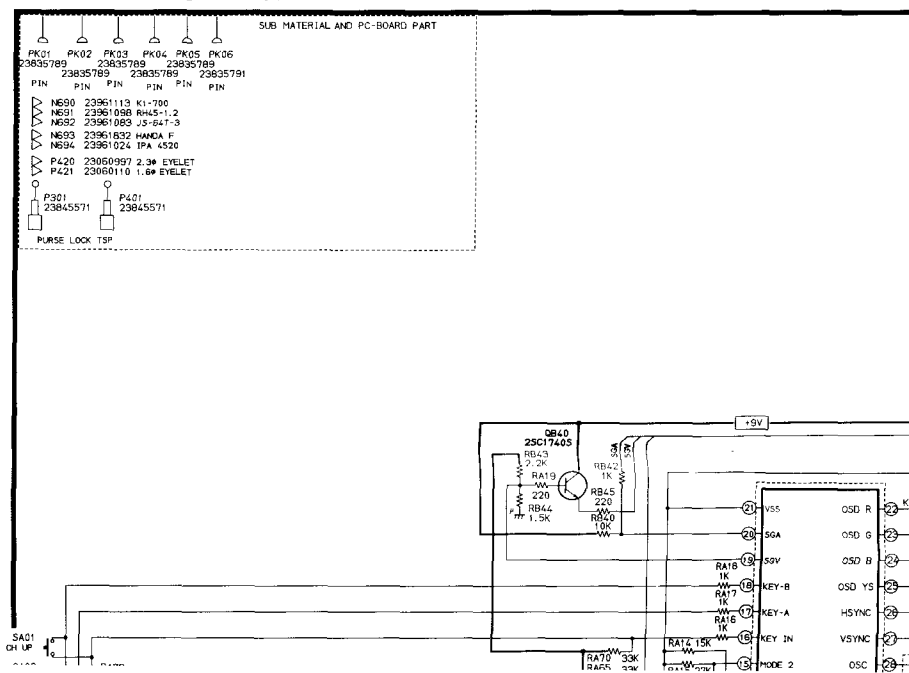


SCHEMATIC DIAGRAM

MODEL : 1460XSH / 1465XR

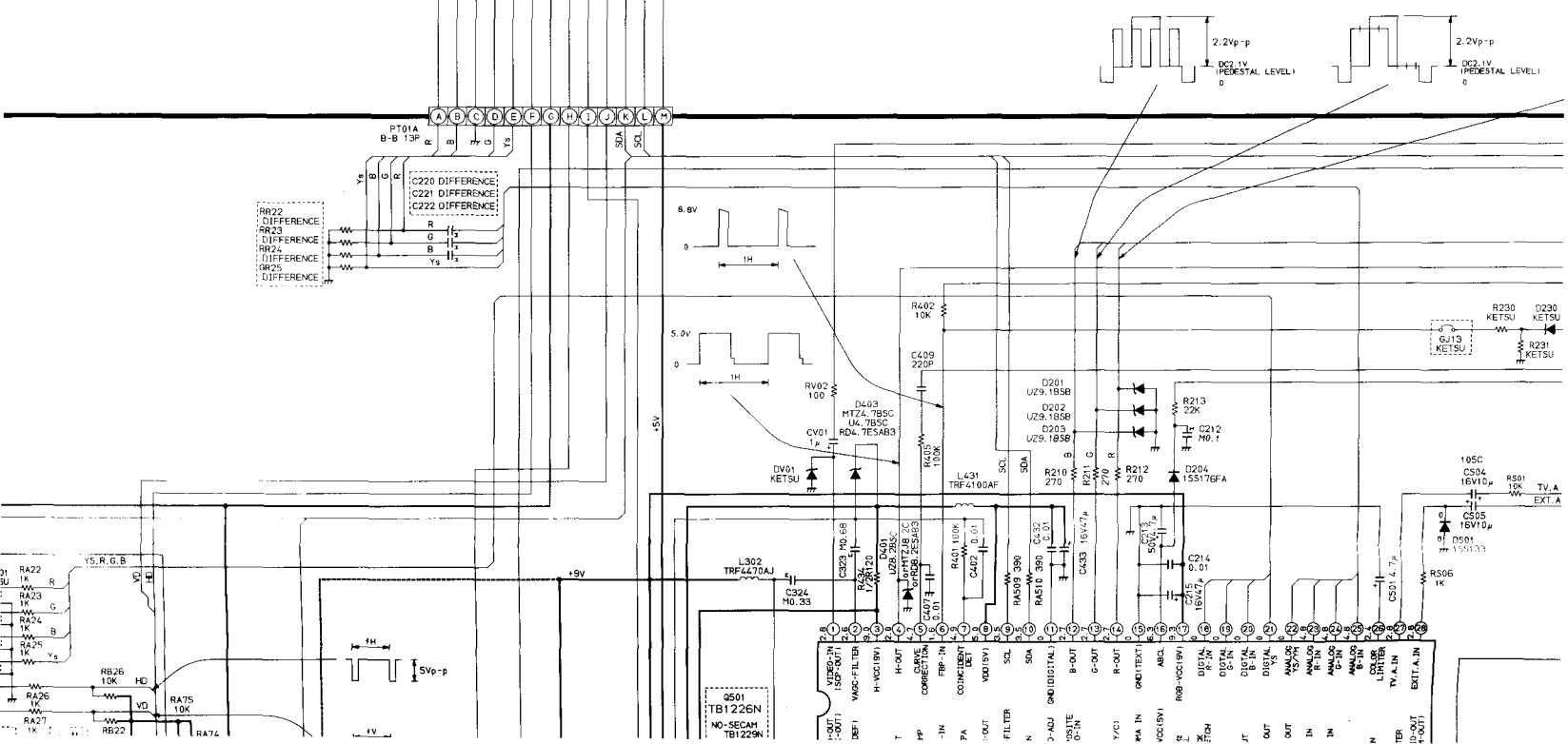
CAUTION: The international hazard symbols "△" in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE on page 2. Do not degrade the safety of the receiver through improper servicing.

U902A MAIN BOARD



NOTES:

1. D.C. resistance value of gram. These are measure
2. The circuits are subject to
3.  : Solder links.

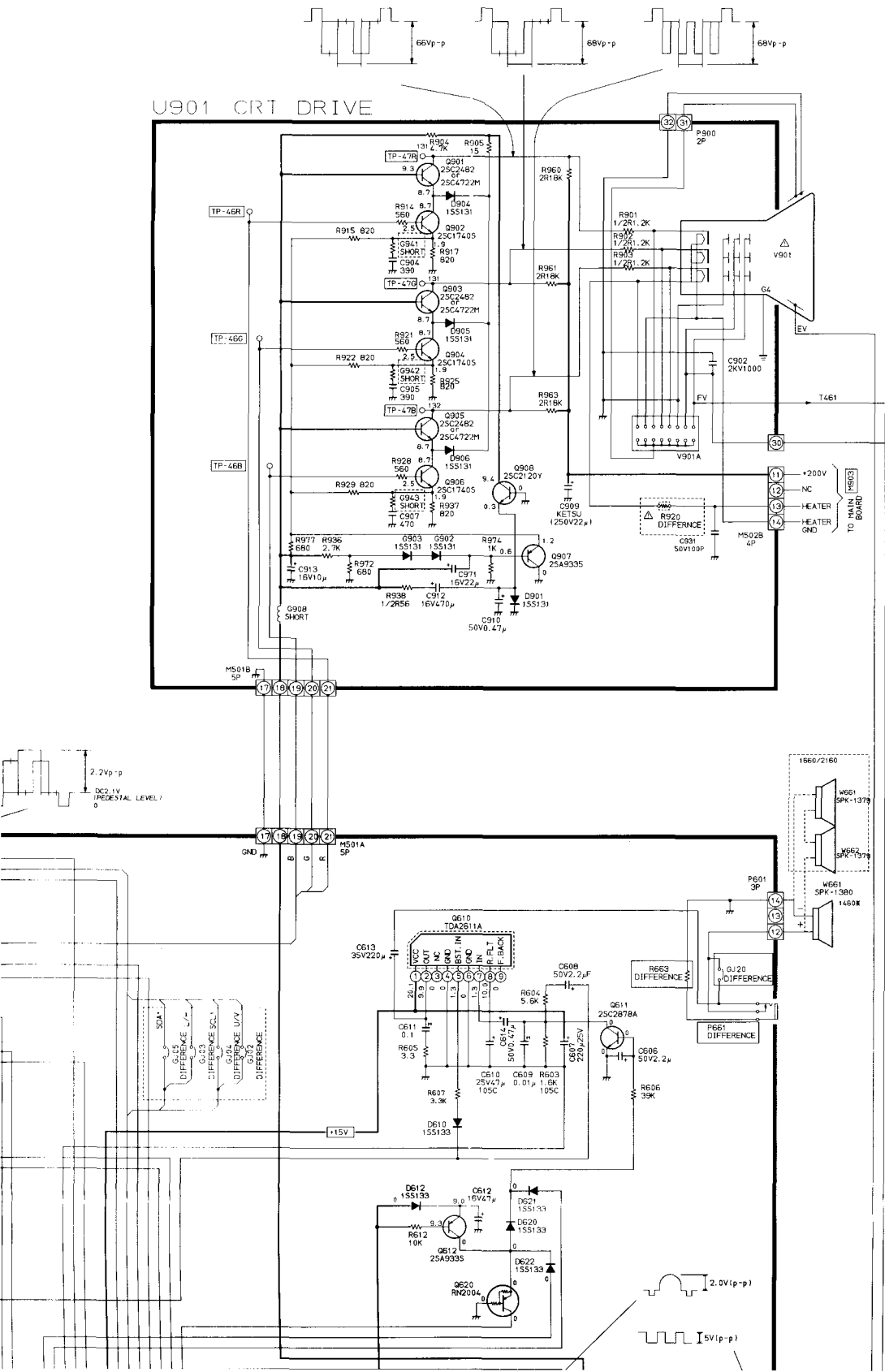
[illegible]

EXPRESSION

VALUE OF RESISTOR, CAPACITOR and INDUCTOR

1. Resistance is shown in ohm, k=1,000, M=1,000,000
2. Unless other wise noted in schematic, all capacitor values less than 1 are sed in μF and the values more than 1 in pF.
3. Unless otherwise noted in schematic, all inductor values more than 1 are sed in μH , and the values less than 1 in H.

principal transformer is shown in this schematic dia-
for separated from the circuit.
change without notice.



CPT BLOCK

	14INCHI	16INCHI	21INCHI
V901	A34JLL91X	UNDETERMINED	A48JLL91X
V901	A34KOV42X	UNDETERMINED	A48JLL94X
V901	A34JFQ40X	UNDETERMINED	A48JLL94X
L901	T82360AG	UNDETERMINED	T82359AG
L901	T82360BK	UNDETERMINED	T82359AT

CRT/D

	14	16	20	21
R920	1FR4.7	UNDETERMINED	UNDETERMINED	UNDETERMINED
G941	SHORT	UNDETERMINED	UNDETERMINED	UNDETERMINED
G942	SHORT	UNDETERMINED	UNDETERMINED	UNDETERMINED
G943	SHORT	UNDETERMINED	UNDETERMINED	UNDETERMINED

SELECTOR

EXCEPT TL4/CP13F26	1460TLA CP13F26
GJ19	SHORT
GJ21	SHORT
LB01	KETSU

SELECTOR

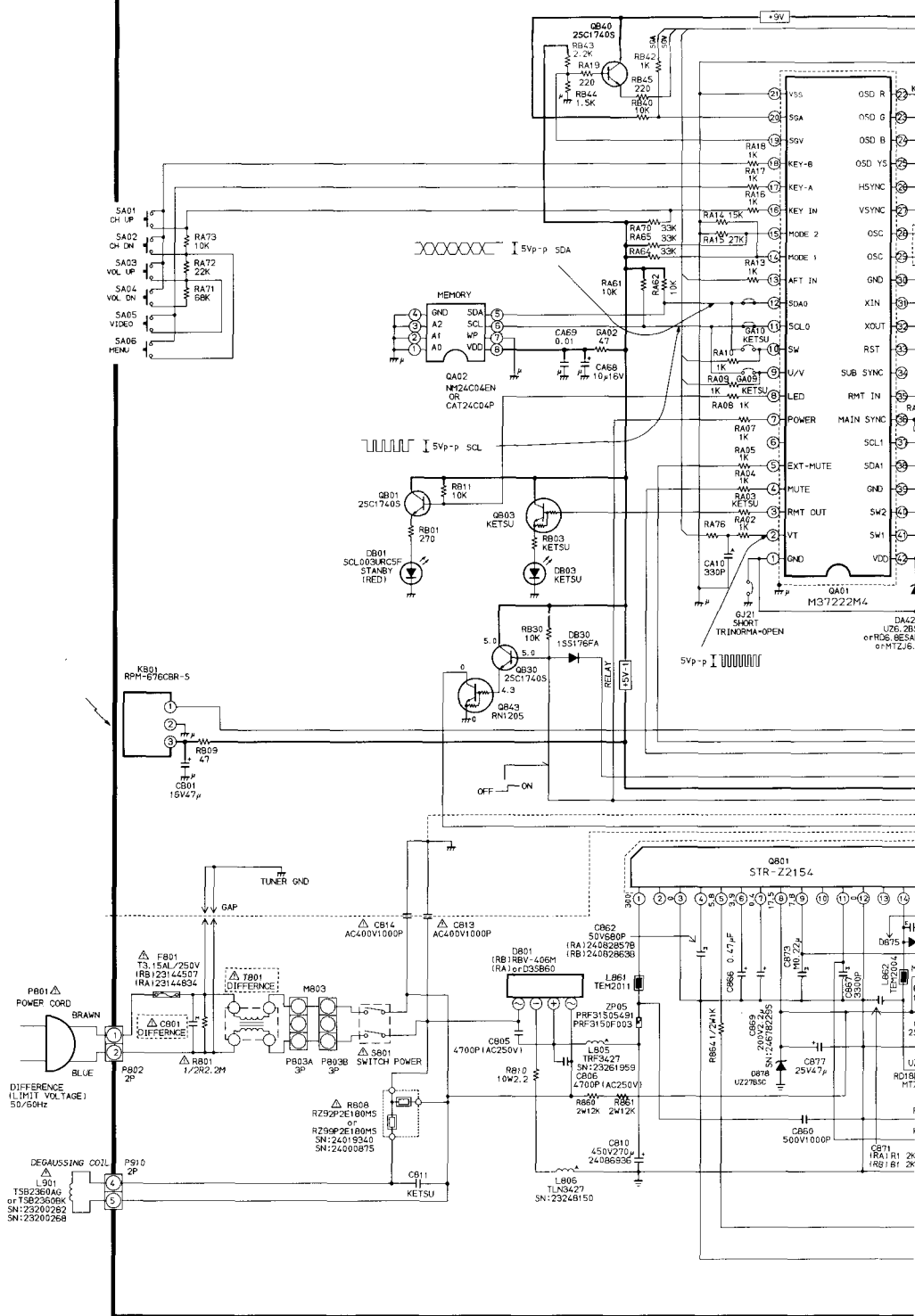
MODEL	RA14	RA43	RA64	RA33K	RA15	7.5K	RA65	33K
1460XN	RA14	43K	RA64	33K	RA15	7.5K	RA65	33K
2160XN	RA14	43K	RA64	33K	RA15	7.5K	RA65	33K
1460XNE	RA14	43K	RA64	33K	RA15	7.5K	RA65	33K
1460TE	RA14	KETSU	RA64	33K	RA15	KETSU	RA65	33K
2160TE	RA14	43K	RA64	33K	RA15	KETSU	RA65	33K
1460TM	RA14	27K	RA64	33K	RA15	10K	RA65	KETSU
2160TM	RA14	27K	RA64	33K	RA15	10K	RA65	KETSU
1460TMJ	RA14	27K	RA64	33K	RA15	10K	RA65	KETSU
2160TMJ	RA14	27K	RA64	33K	RA15	10K	RA65	KETSU
1465XR	RA14	15K	RA64	33K	RA15	10K	RA65	KETSU
2160XS	RA14	15K	RA64	33K	RA15	10K	RA65	KETSU
1460RE	RA14	KETSU	RA64	33K	RA15	7.5K	RA65	33K
2160RE	RA14	KETSU	RA64	33K	RA15	7.5K	RA65	33K
1460XSH	RA14	15K	RA64	33K	RA15	7.5K	RA65	33K
2160XSC	RA14	15K	RA64	33K	RA15	7.5K	RA65	33K
1460XM	RA14	10K	RA64	KETSU	RA15	10K	RA65	KETSU
2160XM	RA14	10K	RA64	KETSU	RA15	10K	RA65	KETSU
1460XMJ	RA14	10K	RA64	KETSU	RA15	10K	RA65	KETSU
2160XMJ	RA14	10K	RA64	KETSU	RA15	10K	RA65	KETSU
1652TE	RA14	KETSU	RA64	33K	RA15	KETSU	RA65	33K

V/C/D-1

	NO-SECAM	SECAM
G501	TB1229N	TB1226N
G501	10K	50V1 μ

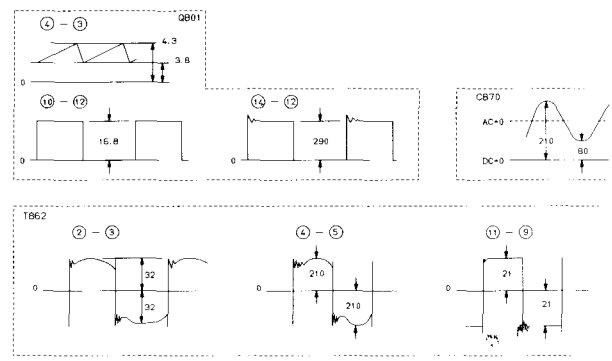
	NO-TEXT	TEXT
U902C	KETSU	USE
PT01A	KETSU	13P
RR22	KETSU	100
RR23	KETSU	100
RR24	KETSU	100
GR25	SHORT	KETSU
C220	KETSU	0.1 μ
C221	KETSU	0.1 μ
C222	KETSU	0.1 μ

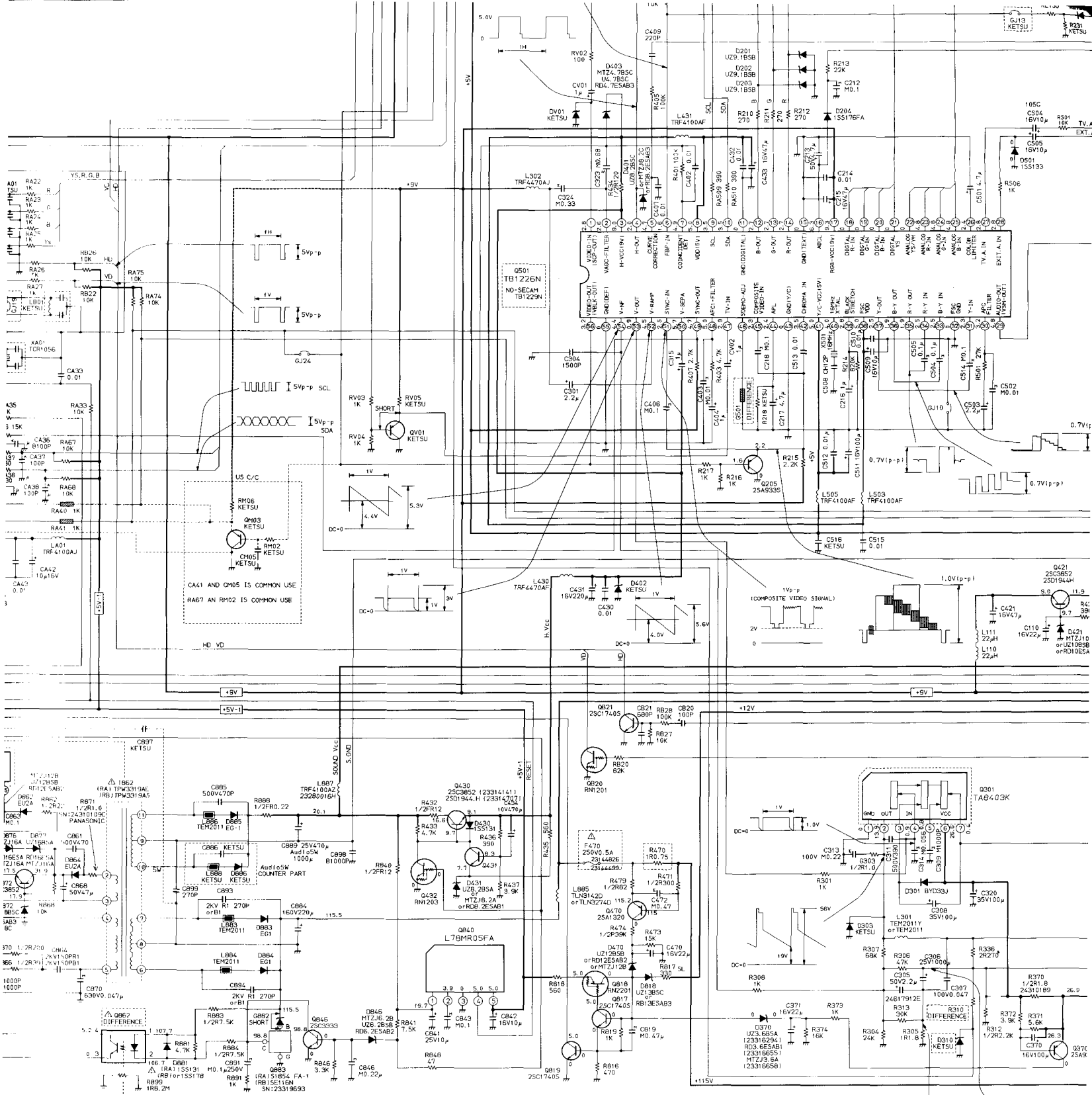
PURSE LOOK TSP



MODEL DIF

TE, XNE, RE	XSC XH XSH	XS	XS
Q862 TLP721F (D4GR)	Q862 TLP621 (G4-LF2)	Q862 TLP621 (G4-LF2)	Q862 TLP621 (G4-LF2)
T801 TRF314B	T801 TRF314B	T801 TRF3204N	T801 TRF314B
C801 0.1μ (AC250V)	C801 0.22μ (250V)	C801 0.22μ (250V)	C801 0.1μ (250V)
AC 110V 99-270	AC 110V 99-270	AC 110V 198-270	AC 110V 99-270





POWER

	14	16	20	21
CB10	240B6936	240B6936	240B6054	340B6936

	14"21"	16"
CB10	240B6936	UNDETERMINED

